

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
500 or More Openings								
Retail Salespersons	29,420	37,310	790	1,130	1,920	\$6.50	\$9.90	Short-Term OJT
Cashiers	23,810	30,150	640	1,080	1,720	\$6.00	\$7.70	Short-Term OJT
Combined Food Preparation and Serving Workers, Including Fast Food	12,190	17,050	490	750	1,230	\$6.00	\$6.90	Short-Term OJT
Customer Service Representatives	18,690	26,230	750	160	910	\$8.60	\$11.40	Moderate OJT
Office Clerks, General	19,680	24,710	500	380	880	\$7.70	\$10.60	Short-Term OJT
Waiters and Waitresses	10,310	13,140	280	580	860	\$5.90	\$7.70	Short-Term OJT
Computer Support Specialists	7,900	15,540	760	30	800	\$8.10	\$12.20	Associate degree
Registered Nurses	12,500	17,950	550	250	800	\$18.00	\$22.40	Associate degree
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	14,220	19,030	480	260	740	\$6.30	\$8.60	Short-Term OJT
Teacher Assistants	9,700	14,120	440	200	640	\$13.910	\$18,250 *	Short-Term OJT
Laborers and Freight, Stock, and Material Movers, Hand	10,590	12,690	210	360	570	\$7.30	\$10.30	Short-Term OJT
Stock Clerks and Order Fillers	10,400	12,430	200	370	570	\$7.50	\$10.20	Short-Term OJT
First-Line Supervisors/Managers of Retail Sales Workers	12,440	15,700	330	200	530	\$9.60	\$15.10	Related Experience
General and Operations Managers	13,310	16,290	300	230	530	\$15.90	\$31.60	Experience plus Degree
Carpenters	13,050	15,690	260	240	510	\$11.30	\$15.70	Long-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
200 to 490 Openings								
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	11,150	12,910	180	310	480	\$12.80	\$22.70	Moderate OJT
Truck Drivers, Heavy and Tractor-Trailer	13,360	16,200	280	190	470	\$12.90	\$17.60	Moderate OJT
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,380	5,370	100	340	440	\$6.00	\$7.00	Short-Term OJT
Elementary School Teachers, Except Special Education	7,220	9,890	270	160	430	\$25,680	\$37,470 *	Bachelor's degree
Secondary School Teachers, Except Special and Vocational Education	5,570	8,010	240	170	410	\$33,020	\$47,220 *	Bachelor's degree
Receptionists and Information Clerks	7,740	10,050	230	170	400	\$7.60	\$9.70	Short-Term OJT
Nursing Aides, Orderlies, and Attendants	6,420	9,360	290	80	380	\$7.70	\$8.80	Short-Term OJT
Maids and Housekeeping Cleaners	5,880	8,300	240	130	370	\$6.10	\$7.60	Short-Term OJT
Bookkeeping, Accounting, and Auditing Clerks	11,010	12,490	150	220	360	\$8.90	\$12.40	Moderate OJT
Executive Secretaries and Administrative Assistants	9,250	11,250	200	160	360	\$11.10	\$14.60	Moderate OJT
Team Assemblers	12,180	13,650	150	210	360	\$7.90	\$10.40	Moderate OJT
Computer Software Engineers, Applications	3,660	6,840	320	30	340	\$23.10	\$34.80	Bachelor's degree
First-Line Supervisors/Managers of Office and Administrative Support Workers	8,050	9,890	180	160	340	\$11.30	\$17.50	Related Experience
Security Guards	5,650	7,420	180	150	330	\$7.80	\$10.50	Short-Term OJT
Food Preparation Workers	4,880	6,230	140	190	320	\$6.40	\$8.00	Short-Term OJT
Automotive Service Technicians and Mechanics	5,010	6,610	160	130	290	\$9.20	\$15.20	Vocational
Bill and Account Collectors	5,640	7,100	150	140	290	\$9.60	\$13.00	Short-Term OJT
Landscaping and Groundskeeping Workers	4,390	6,160	180	110	290	\$7.10	\$9.70	Short-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Accountants and Auditors	6,250	8,080	180	100	280	\$14.00	\$20.80	Bachelor's degree
Hairdressers, Hairstylists, and Cosmetologists	3,670	5,420	180	110	280	\$7.40	\$10.10	Vocational
Telemarketers	6,320	7,800	150	140	280	\$8.40	\$10.70	Short-Term OJT
Truck Drivers, Light or Delivery Services	7,150	8,910	180	100	280	\$7.90	\$12.10	Short-Term OJT
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	4,770	6,180	140	120	270	\$15.10	\$21.00	Related Experience
Secretaries, Except Legal, Medical, and Executive	8,710	9,920	120	150	270	\$8.70	\$11.40	Moderate OJT
Counter and Rental Clerks	3,260	4,360	110	150	260	\$6.30	\$8.50	Short-Term OJT
Electricians	5,760	7,200	140	110	260	\$13.10	\$18.90	Long-Term OJT
First-Line Supervisors/Managers of Food Preparation and Serving Workers	5,400	6,570	120	140	260	\$9.80	\$12.00	Related Experience
Packers and Packagers, Hand	5,240	6,360	110	130	250	\$6.10	\$8.10	Short-Term OJT
Middle School Teachers, Except Special and Vocational Education	4,320	5,740	140	100	240	\$27,530	\$38,240 *	Bachelor's degree
Computer Systems Analysts	3,380	5,240	190	30	220	\$18.90	\$25.90	Bachelor's degree
Chief Executives	3,650	4,630	100	120	210	\$26.90	\$49.90	Experience plus Degree
Shipping, Receiving, and Traffic Clerks	5,610	6,550	90	110	210	\$8.20	\$11.30	Short-Term OJT
Reservation and Transportation Ticket Agents and Travel Clerks	4,280	5,130	90	120	200	\$8.10	\$12.80	Short-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
100 to 190 Openings								
Amusement and Recreation Attendants	2,410	3,440	100	80	190	\$6.00	\$6.80	Short-Term OJT
Construction Laborers	5,520	6,910	140	50	190	\$8.40	\$11.40	Moderate OJT
Cooks, Restaurant	3,180	4,140	100	90	190	\$7.80	\$9.40	Long-Term OJT
Financial Managers	4,750	5,910	120	70	190	\$14.90	\$29.10	Experience plus Degree
Maintenance and Repair Workers, General	6,140	7,210	110	80	190	\$8.70	\$13.70	Long-Term OJT
Preschool Teachers, Except Special Education	4,280	5,630	140	50	190	\$7.60	\$9.20	Bachelor's degree
Bus and Truck Mechanics and Diesel Engine Specialists	3,410	4,330	90	90	180	\$10.80	\$15.70	Vocational
Medical Assistants	2,440	3,540	110	70	180	\$8.20	\$10.00	Moderate OJT
Painters, Construction and Maintenance	3,460	4,570	110	70	180	\$9.60	\$13.20	Moderate OJT
Social and Human Service Assistants	2,320	3,810	150	40	180	\$7.80	\$11.00	Moderate OJT
Billing and Posting Clerks and Machine Operators	3,670	4,440	80	90	170	\$9.20	\$11.80	Short-Term OJT
Cleaners of Vehicles and Equipment	2,440	3,180	70	100	170	\$6.20	\$8.20	Short-Term OJT
Police and Sheriff's Patrol Officers	2,520	3,700	120	50	170	\$14.50	\$18.00	Long-Term OJT
Sales Representatives, Wholesale and Manufacturing, Tellers	3,950	4,540	60	110	170	\$17.00	\$28.20	Moderate OJT
Child Care Workers	3,400	3,450	0	160	170	\$7.80	\$9.30	Short-Term OJT
Cooks, Fast Food	1,680	2,630	90	70	160	\$6.00	\$7.60	Short-Term OJT
Sales Managers	4,730	5,010	30	140	160	\$5.90	\$7.00	Short-Term OJT
Welders, Cutters, Solderers, and Brazers	3,020	4,150	110	40	160	\$16.60	\$30.40	Experience plus Degree
Computer Programmers	3,060	3,780	70	90	160	\$10.20	\$13.70	Vocational
Computer Software Engineers, Systems Software	4,170	4,730	60	90	150	\$18.40	\$27.80	Bachelor's degree
Cooks, Institution and Cafeteria	1,800	3,160	140	10	150			Bachelor's degree
First-Line Supervisors/Managers of Production and Operating Workers	2,830	3,480	70	80	150	\$6.60	\$8.80	Long-Term OJT
Helpers--Production Workers	4,480	4,800	30	120	150	\$13.00	\$19.40	Related Experience
Licensed Practical and Licensed Vocational Nurses	3,340	3,980	60	80	150	\$6.70	\$8.80	Short-Term OJT
Operations Research Analysts	2,580	3,410	80	70	150	\$11.50	\$14.60	Vocational
Dental Assistants	2,440	3,160	70	80	150			Master's degree
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	2,530	3,510	100	50	140	\$7.60	\$9.70	Moderate OJT
Insurance Sales Agents	2,790	3,440	70	70	140	\$12.50	\$20.90	Related Experience
Interviewers, Except Eligibility and Loan	2,400	3,140	70	70	140	\$15.50	\$24.80	Bachelor's degree
Computer and Information Systems Managers	1,780	2,770	100	40	140	\$6.20	\$8.40	Short-Term OJT
	1,860	2,820	100	30	130	\$19.30	\$34.30	Experience plus Degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Fitness Trainers and Aerobics Instructors	1,800	2,750	90	40	130	\$9.20	\$17.80	Vocational
Packaging and Filling Machine Operators and Tenders	2,880	3,580	70	60	130	\$7.90	\$10.40	Short-Term OJT
Plumbers, Pipefitters, and Steamfitters	3,530	4,250	70	60	130	\$13.20	\$19.50	Long-Term OJT
Recreation Workers	2,320	3,170	90	50	130	\$6.00	\$8.10	Bachelor's degree
Actors	1,930	2,720	80	40	120			Long-Term OJT
Data Entry Keyers	5,040	5,430	40	80	120	\$7.90	\$10.00	Moderate OJT
Lawyers	3,420	4,350	90	30	120	\$34.00	\$50.90	First professional degree
Securities, Commodities, and Financial Services Sales Agents	2,450	3,470	100	20	120	\$15.40	\$29.60	Bachelor's degree
Correctional Officers and Jailers	1,600	2,330	70	40	110			Moderate OJT
Fire Fighters	2,030	2,620	60	50	110	\$8.10	\$13.60	Long-Term OJT
Food Service Managers	2,650	3,430	80	40	110	\$10.50	\$15.70	Related Experience
Graduate Teaching Assistants	1,550	2,220	70	40	110			Bachelor's degree
Helpers--Carpenters	1,770	2,030	30	90	110	\$6.40	\$8.20	Short-Term OJT
Industrial Truck and Tractor Operators	3,460	4,070	60	50	110	\$9.20	\$11.90	Short-Term OJT
Management Analysts	2,010	2,930	90	20	110	\$18.40	\$31.50	Experience plus Degree
Network and Computer Systems Administrators	1,400	2,450	110	10	110	\$17.00	\$24.50	Bachelor's degree
Pharmacists	1,430	2,140	70	40	110	\$28.80	\$35.50	First professional degree
Pharmacy Technicians	1,380	2,150	80	40	110	\$10.00	\$12.20	Moderate OJT
Sales Engineers	2,150	2,740	60	60	110			Bachelor's degree
Bus Drivers, School	2,110	2,620	50	50	100	\$7.40	\$10.30	Short-Term OJT
Child, Family, and School Social Workers	2,000	2,760	80	20	100	\$10.10	\$16.00	Bachelor's degree
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,990	2,710	70	20	100	\$11.70	\$16.90	Long-Term OJT
Home Health Aides	1,680	2,420	70	20	100	\$7.40	\$9.60	Short-Term OJT
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,800	2,210	40	60	100	\$6.00	\$7.30	Short-Term OJT
Hotel, Motel, and Resort Desk Clerks	1,070	1,610	50	50	100	\$7.50	\$8.70	Short-Term OJT
Library Technicians	1,220	1,710	50	50	100	\$7.10	\$9.60	Short-Term OJT
Medical and Health Services Managers	1,470	2,210	70	30	100	\$18.00	\$29.90	Experience plus Degree
Operating Engineers and Other Construction Equipment Operators	2,600	2,970	40	60	100	\$12.10	\$16.40	Moderate OJT
Property, Real Estate, and Community Association Managers	1,560	2,270	70	30	100	\$7.00	\$15.70	Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
50 to 90 Openings								
Administrative Services Managers	1,960	2,520	60	30	90	\$12.70	\$22.40	Experience plus Degree
Bartenders	1,420	1,740	30	60	90	\$5.90	\$7.40	Short-Term OJT
Cabinetmakers and Bench Carpenters	1,880	2,140	30	60	90	\$8.10	\$11.40	Long-Term OJT
Clinical, Counseling, and School Psychologists	1,260	1,820	60	30	90	\$15.30	\$21.20	Master's degree
Dining Room and Cafeteria Attendants and Bartender Helpers	2,560	2,580	0	90	90	\$6.10	\$7.00	Short-Term OJT
Driver/Sales Workers	3,020	3,490	50	40	90	\$6.00	\$11.30	Short-Term OJT
Educational, Vocational, and School Counselors	1,360	1,960	60	30	90	\$10.00	\$16.30	Master's degree
File Clerks	1,790	2,090	30	60	90	\$7.40	\$9.80	Short-Term OJT
First-Line Supervisors/Managers of Non-Retail Sales Workers	2,850	3,320	50	50	90	\$12.70	\$22.60	Related Experience
Marketing Managers	1,700	2,310	60	30	90	\$20.70	\$35.00	Experience plus Degree
Multi-Media Artists and Animators	1,600	2,130	50	40	90	\$11.70	\$18.90	Bachelor's degree
Personal and Home Care Aides	1,140	1,820	70	20	90	\$7.20	\$8.00	Short-Term OJT
Sheet Metal Workers	1,860	2,330	50	40	90	\$9.30	\$15.50	Moderate OJT
Advertising Sales Agents	1,460	1,980	50	30	80	\$10.30	\$18.40	Moderate OJT
Bakers	1,700	2,180	50	30	80	\$7.10	\$10.30	Long-Term OJT
Construction Managers	1,880	2,360	50	30	80	\$20.00	\$30.10	Bachelor's degree
Dishwashers	2,140	2,130	0	80	80	\$6.00	\$7.10	Short-Term OJT
Electrical and Electronic Engineering Technicians	1,950	2,300	40	40	80	\$8.10	\$17.20	Associate degree
Loan Officers	2,390	2,740	40	50	80	\$12.90	\$19.90	Bachelor's degree
Production, Planning, and Expediting Clerks	2,080	2,500	40	40	80	\$8.80	\$14.90	Short-Term OJT
Roofers	1,400	1,860	50	40	80	\$7.80	\$12.30	Moderate OJT
Ushers, Lobby Attendants, and Ticket Takers	830	960	10	70	80	\$6.00	\$6.50	Short-Term OJT
Vocational Education Teachers, Postsecondary	1,130	1,600	50	30	80	\$13.80	\$19.90	Related Experience
Writers and Authors	1,150	1,660	50	20	80	\$8.70	\$15.00	Bachelor's degree
Dispatchers, Except Police, Fire, and Ambulance	1,720	2,100	40	30	70	\$11.50	\$17.50	Moderate OJT
Emergency Medical Technicians and Paramedics	900	1,330	40	20	70	\$7.70	\$10.50	Vocational
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,140	1,560	40	30	70	\$9.40	\$13.70	Related Experience
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1,490	1,840	40	30	70	\$11.30	\$19.30	Related Experience
Graphic Designers	1,320	1,890	60	20	70	\$11.00	\$16.80	Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Helpers--Installation, Maintenance, and Repair Workers	910	1,140	20	50	70	\$7.10	\$10.50	Short-Term OJT
Legal Secretaries	1,760	2,150	40	30	70	\$11.80	\$14.90	Vocational
Mail Clerks and Mail Machine Operators, Except Postal Service	1,850	2,010	20	50	70	\$8.50	\$9.80	Short-Term OJT
Medical and Clinical Laboratory Technicians	1,100	1,510	40	30	70			Associate degree
Medical Appliance Technicians	1,180	1,510	30	30	70	\$8.80	\$11.70	Long-Term OJT
Medical Secretaries	1,360	1,860	50	20	70	\$9.10	\$11.50	Vocational
Network Systems and Data Communications Analysts	1,030	1,690	70	0	70	\$15.30	\$24.40	Bachelor's degree
Parts Salespersons	1,610	1,780	20	50	70	\$9.00	\$13.10	Moderate OJT
Psychiatric Technicians	1,260	1,650	40	30	70	\$8.30	\$9.70	Vocational
Social and Community Service Managers	1,100	1,550	50	20	70	\$14.00	\$22.30	Bachelor's degree
Tax Examiners, Collectors, and Revenue Agents	1,320	1,660	30	40	70	\$13.20	\$16.50	Bachelor's degree
Automotive Body and Related Repairers	1,190	1,480	30	30	60	\$10.20	\$16.40	Long-Term OJT
Cost Estimators	1,310	1,590	30	30	60	\$14.60	\$22.90	Bachelor's degree
Demonstrators and Product Promoters	1,010	1,280	30	30	60	\$8.80	\$10.70	Moderate OJT
Editors	820	1,140	30	30	60	\$12.50	\$21.10	Bachelor's degree
Education Administrators, Elementary and Secondary School	1,000	1,350	40	30	60	\$58.980	\$68,200 *	Experience plus Degree
Engineering Managers	2,000	2,280	30	30	60	\$26.90	\$37.80	Experience plus Degree
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,190	1,390	20	40	60			Long-Term OJT
Flight Attendants	1,260	1,430	20	40	60			Long-Term OJT
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	790	960	20	40	60			Short-Term OJT
Inspectors, Testers, Sorters, Samplers, and Weighers	2,440	2,450	0	50	60	\$8.60	\$14.00	Moderate OJT
Machinists	2,200	2,360	20	50	60	\$11.20	\$15.90	Long-Term OJT
Mechanical Engineers	1,310	1,490	20	40	60	\$21.10	\$28.80	Bachelor's degree
Medical Records and Health Information Technicians	890	1,320	40	20	60	\$8.40	\$11.20	Associate degree
Medical Scientists, Except Epidemiologists	790	1,220	40	20	60			Doctoral degree
Order Clerks	2,950	2,840	0	60	60	\$8.90	\$11.80	Short-Term OJT
Pest Control Workers	830	1,220	40	20	60			Moderate OJT
Postal Service Mail Carriers	1,510	1,680	20	50	60	\$16.30	\$18.30	Short-Term OJT
Printing Machine Operators	1,220	1,520	30	30	60	\$9.40	\$13.70	Moderate OJT
Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,420	1,730	30	30	60	\$14.40	\$21.00	Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Radiologic Technologists and Technicians	900	1,250	40	20	60	\$14.00	\$17.20	Associate degree
Special Education Teachers, Secondary School	900	1,350	50	10	60	\$30,390	\$42,460 *	Bachelor's degree
Training and Development Specialists	1,350	1,710	40	30	60	\$11.10	\$18.90	Bachelor's degree
Advertising and Promotions Managers	840	1,190	30	10	50	\$13.20	\$22.90	Experience plus Degree
Appraisers and Assessors of Real Estate	650	930	30	20	50			Vocational
Audio and Video Equipment Technicians	840	1,070	20	30	50	\$9.60	\$12.00	Long-Term OJT
Bindery Workers	1,010	1,260	30	30	50	\$6.80	\$9.70	Moderate OJT
Brickmasons and Blockmasons	1,020	1,260	20	20	50	\$18.90	\$26.90	Long-Term OJT
Cement Masons and Concrete Finishers	2,560	2,800	20	20	50	\$9.70	\$14.80	Long-Term OJT
Claims Adjusters, Examiners, and Investigators	840	1,210	40	10	50	\$12.60	\$20.70	Long-Term OJT
Couriers and Messengers	1,280	1,410	10	40	50	\$6.30	\$8.40	Short-Term OJT
Crossing Guards	810	1,020	20	30	50	\$6.00	\$7.80	Short-Term OJT
Dentists	810	1,090	30	20	50			First professional degree
Drywall and Ceiling Tile Installers	1,900	2,240	30	20	50	\$10.70	\$14.70	Moderate OJT
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,020	1,250	20	20	50	\$11.80	\$16.90	Related Experience
Food Servers, Nonrestaurant	550	750	20	20	50	\$6.30	\$7.80	Short-Term OJT
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	640	990	40	10	50			Bachelor's degree
Human Resources Assistants, Except Payroll and Timekeeping	1,030	1,280	30	20	50	\$10.40	\$14.10	Short-Term OJT
Human Resources Managers	1,280	1,540	30	20	50	\$16.80	\$27.20	Experience plus Degree
Industrial Machinery Mechanics	1,250	1,370	10	30	50	\$14.80	\$19.60	Long-Term OJT
Laundry and Dry-Cleaning Workers	900	1,150	30	20	50	\$6.80	\$8.10	Moderate OJT
Library Assistants, Clerical	680	910	20	30	50	\$6.20	\$7.40	Short-Term OJT
Medical and Clinical Laboratory Technologists	870	1,160	30	20	50	\$13.00	\$18.80	Bachelor's degree
Mental Health Counselors	830	1,140	30	20	50	\$9.00	\$14.50	Master's degree
Mobile Heavy Equipment Mechanics, Except Engines	1,040	1,230	20	30	50	\$12.70	\$17.10	Vocational
Payroll and Timekeeping Clerks	1,110	1,250	10	30	50	\$10.20	\$13.50	Short-Term OJT
Physical Therapists	680	960	30	20	50	\$17.70	\$24.60	Master's degree
Plasterers and Stucco Masons	1,260	1,540	30	30	50	\$11.10	\$15.30	Long-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.



# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Probation Officers and Correctional Treatment Specialists	980	1,380	40	20	50	\$11.70	\$15.40	Bachelor's degree
Public Relations Specialists	810	1,200	40	10	50	\$13.30	\$19.50	Bachelor's degree
Real Estate Sales Agents	800	1,080	30	20	50	\$9.00	\$15.90	Vocational
Special Education Teachers, Preschool, Kindergarten, and Elementary School	650	1,080	40	10	50	\$26,820	\$37,160 *	Bachelor's degree
Transportation, Storage, and Distribution Managers	950	1,240	30	20	50	\$17.80	\$27.60	Related Experience
Tree Trimmers and Pruners	850	1,090	30	20	50			Short-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
30 to 40 Openings								
Airline Pilots, Copilots, and Flight Engineers	1,490	1,540	10	30	40			Bachelor's degree
Athletes and Sports Competitors	800	1,050	30	20	40	\$22,520	\$32,410 *	Long-Term OJT
Bus Drivers, Transit and Intercity	780	980	20	20	40			Moderate OJT
Civil Engineers	920	1,120	20	20	40	\$19.30	\$27.00	Bachelor's degree
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	790	1,020	20	20	40	\$14.00	\$20.20	Long-Term OJT
Computer, Automated Teller, and Office Machine Repairers	1,570	1,790	20	20	40	\$12.70	\$19.10	Vocational
Computer-Controlled Machine Tool Operators, Metal and Plastic	730	880	20	30	40	\$10.80	\$14.00	Long-Term OJT
Court, Municipal, and License Clerks	940	1,230	30	20	40	\$5.80	\$10.00	Short-Term OJT
Database Administrators	630	1,050	40	0	40	\$17.80	\$27.00	Bachelor's degree
Education Administrators, Postsecondary	690	890	20	20	40	\$17.10	\$27.00	Experience plus Degree
Electrical Power-Line Installers and Repairers	770	880	10	30	40	\$15.20	\$22.70	Long-Term OJT
Family and General Practitioners	950	1,240	30	20	40	\$38.20	\$57.10	First professional degree
Farmers and Ranchers	4,810	2,780	0	40	40			Long-Term OJT
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	870	1,210	30	10	40	\$11.00	\$15.00	Related Experience
First-Line Supervisors/Managers of Personal Service Workers	670	860	20	20	40	\$8.30	\$13.70	Related Experience
First-Line Supervisors/Managers of Police and Detectives	710	960	20	20	40	\$22.10	\$26.60	Related Experience
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	520	620	10	30	40	\$7.50	\$9.20	Short-Term OJT
Industrial Production Managers	1,300	1,500	20	20	40	\$18.40	\$29.40	Bachelor's degree
Instructional Coordinators	760	1,050	30	10	40	\$11.00	\$17.30	Master's degree
Librarians	920	1,160	20	20	40	\$12.60	\$19.20	Master's degree
Maintenance Workers, Machinery	860	1,020	20	20	40	\$11.40	\$16.30	Long-Term OJT
Office Machine Operators, Except Computer	1,030	1,100	10	40	40	\$8.20	\$12.50	Short-Term OJT
Personal Financial Advisors	560	910	40	10	40	\$15.00	\$24.10	Bachelor's degree
Pipelayers	930	1,130	20	20	40	\$10.00	\$12.90	Moderate OJT
Respiratory Therapists	390	670	30	10	40			Associate degree
Semiconductor Processors	800	1,040	20	10	40			Associate degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Speech-Language Pathologists	480	770	30	10	40	\$14.60	\$20.80	Master's degree
Surveying and Mapping Technicians	570	790	20	20	40	\$11.30	\$14.10	Moderate OJT
Switchboard Operators, Including Answering Service	1,250	1,180	0	40	40	\$7.60	\$9.70	Short-Term OJT
Telecommunications Equipment Installers and Repairers, Except Line Installers	1,880	1,840	0	40	40	\$19.30	\$23.00	Vocational
Travel Agents	960	1,090	10	20	40	\$7.60	\$12.00	Vocational
Water and Liquid Waste Treatment Plant and System Operators	570	770	20	20	40	\$13.70	\$16.90	Long-Term OJT
Wholesale and Retail Buyers, Except Farm Products	950	1,020	10	30	40	\$10.80	\$21.30	Bachelor's degree
Aircraft Mechanics and Service Technicians	670	790	10	10	30	\$14.60	\$19.80	Vocational
Architectural and Civil Drafters	440	560	10	10	30	\$11.60	\$16.60	Vocational
Camera Operators, Television, Video, and Motion Picture	400	590	20	10	30			Moderate OJT
Carpet Installers	670	850	20	10	30			Moderate OJT
Chemists	440	570	10	10	30	\$15.50	\$22.80	Bachelor's degree
Coaches and Scouts	450	600	20	10	30	\$20,820	\$41,250 *	Long-Term OJT
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	740	850	10	20	30	\$8.90	\$11.60	Moderate OJT
Commercial and Industrial Designers	480	710	20	10	30	\$13.70	\$21.00	Bachelor's degree
Compensation, Benefits, and Job Analysis Specialists	580	750	20	10	30	\$14.80	\$20.80	Bachelor's degree
Computer Hardware Engineers	750	910	20	10	30	\$19.00	\$29.00	Bachelor's degree
Computer Operators	1,480	1,300	0	30	30	\$8.00	\$13.60	Moderate OJT
Control and Valve Installers and Repairers, Except Mechanical Door	550	620	10	20	30	\$14.70	\$18.60	Moderate OJT
Cooks, Short Order	660	780	10	20	30	\$6.80	\$7.60	Short-Term OJT
Credit Authorizers, Checkers, and Clerks	2,090	2,220	10	20	30	\$8.10	\$12.20	Short-Term OJT
Dental Hygienists	530	730	20	10	30			Associate degree
Employment, Recruitment, and Placement Specialists	870	1,040	20	20	30	\$12.00	\$18.60	Bachelor's degree
Environmental Scientists and Specialists, Including Health	430	570	10	10	30	\$18.00	\$22.80	Bachelor's degree
Financial Analysts	610	800	20	10	30	\$17.10	\$32.70	Bachelor's degree
Glaziers	620	750	10	10	30	\$10.70	\$15.60	Long-Term OJT
Industrial Engineers	970	1,080	10	20	30	\$19.90	\$27.60	Bachelor's degree
Insulation Workers	500	600	10	20	30			Moderate OJT
Insurance Claims and Policy Processing Clerks	1,500	1,400	0	30	30	\$10.20	\$12.60	Moderate OJT
Jewelers and Precious Stone and Metal Workers	560	730	20	20	30			Vocational

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Job Printers	490	640	20	10	30	\$9.20	\$14.50	Long-Term OJT
Locomotive Engineers	410	520	10	20	30			Short-Term OJT
Market Research Analysts	560	710	20	10	30	\$13.40	\$23.80	Bachelor's degree
Mechanical Drafters	490	600	10	20	30	\$13.10	\$18.90	Vocational
Medical and Public Health Social Workers	470	680	20	10	30	\$10.90	\$18.70	Bachelor's degree
Mental Health and Substance Abuse Social Workers	510	740	20	10	30	\$13.00	\$17.60	Master's degree
Musicians and Singers	400	580	20	10	30	\$12,730	\$37,950 *	Long-Term OJT
Occupational Therapists	440	620	20	10	30	\$12.30	\$21.00	Bachelor's degree
Paralegals and Legal Assistants	730	1,020	30	10	30	\$14.40	\$19.20	Associate degree
Parking Lot Attendants	630	850	20	10	30			Short-Term OJT
Photographers	400	570	20	10	30	\$9.40	\$16.80	Long-Term OJT
Physical Therapist Aides	430	630	20	10	30	\$7.50	\$8.70	Short-Term OJT
Postal Service Mail Sorters, Processors, and Processing Machine Operators	900	1,000	10	20	30	\$9.50	\$14.90	Short-Term OJT
Public Relations Managers	510	760	30	10	30	\$18.80	\$30.10	Experience plus Degree
Rehabilitation Counselors	510	660	20	10	30	\$7.80	\$13.60	Master's degree
Self-Enrichment Education Teachers	650	880	20	10	30	\$7.80	\$11.60	Related Experience
Service Station Attendants	350	490	10	20	30	\$6.90	\$9.60	Short-Term OJT
Sewing Machine Operators	880	1,050	20	10	30	\$7.00	\$9.40	Moderate OJT
Structural Metal Fabricators and Fitters	1,090	1,260	20	20	30	\$10.00	\$13.50	Moderate OJT
Substance Abuse and Behavioral Disorder Counselors	440	650	20	10	30	\$8.40	\$13.50	Master's degree
Surgical Technologists	430	640	20	10	30	\$10.30	\$13.90	Vocational
Survey Researchers	370	560	20	10	30	\$8.40	\$10.20	Bachelor's degree
Tapers	1,040	1,220	20	10	30	\$13.60	\$17.30	Moderate OJT
Telecommunications Line Installers and Repairers	630	790	20	10	30	\$11.40	\$15.20	Long-Term OJT
Tire Repairers and Changers	560	660	10	20	30	\$6.60	\$8.80	Short-Term OJT
Vocational Education Teachers, Secondary School	440	600	20	10	30	\$34,420	\$44,150 *	Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
20 Openings								
Air Traffic Controllers	330	420	10	10	20	\$32.80	\$43.20	Long-Term OJT
Aircraft Mechanics and Service Technicians, FAA Certified	750	830	10	20	20			Vocational
Art, Drama, and Music Teachers, Postsecondary	230	330	10	10	20	\$29,690	\$48,620 *	Doctoral degree
Biochemists and Biophysicists	180	270	10	10	20	\$18.60	\$27.80	Doctoral degree
Biological Technicians	240	350	10	10	20	\$9.70	\$15.00	Associate degree
Budget Analysts	440	550	10	10	20	\$17.70	\$23.90	Bachelor's degree
Business Teachers, Postsecondary	240	350	10	10	20	\$40,330	\$61,040 *	Doctoral degree
Butchers and Meat Cutters	770	810	0	20	20	\$9.50	\$13.70	Long-Term OJT
Cardiovascular Technologists and Technicians	210	350	10	10	20			Associate degree
Cargo and Freight Agents	650	740	10	10	20	\$9.40	\$12.90	Moderate OJT
Chefs and Head Cooks	460	540	10	10	20	\$7.40	\$11.60	Vocational
Computer and Information Scientists, Research	400	570	20	0	20	\$23.00	\$32.80	Doctoral degree
Credit Analysts	510	610	10	10	20	\$10.90	\$20.50	Bachelor's degree
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	660	690	0	10	20	\$11.40	\$16.30	Moderate OJT
Cutting and Slicing Machine Setters, Operators, and Tenders	690	740	10	10	20	\$8.10	\$11.50	Moderate OJT
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	790	780	0	20	20	\$8.90	\$11.40	Moderate OJT
Dental Laboratory Technicians	360	500	10	10	20	\$7.60	\$10.80	Long-Term OJT
Desktop Publishers	180	340	20	0	20	\$9.60	\$13.10	Vocational
Detectives and Criminal Investigators	270	380	10	10	20	\$16.70	\$22.90	Related Experience
Dietitians and Nutritionists	280	370	10	10	20	\$14.20	\$18.30	Bachelor's degree
Education Administrators, Preschool and Child Care Center/Program	230	350	10	10	20	\$9.50	\$16.80	Experience plus Degree
Electrical and Electronic Equipment Assemblers	820	780	0	20	20	\$8.00	\$10.70	Short-Term OJT
Electrical Engineers	550	620	10	10	20	\$22.80	\$32.10	Bachelor's degree
Electronic Home Entertainment Equipment Installers and Repairers	870	900	0	20	20	\$11.20	\$13.90	Vocational
Electronics Engineers, Except Computer	790	850	10	20	20	\$24.70	\$30.40	Bachelor's degree
Environmental Engineers	240	340	10	10	20	\$21.10	\$27.70	Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Environmental Science and Protection Technicians, Including Health	200	280	10	10	20	\$11.60	\$18.00	Associate degree
Excavating and Loading Machine and Dragline Operators	330	420	10	10	20	\$11.50	\$15.80	Moderate OJT
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	770	800	0	20	20	\$9.70	\$12.30	Moderate OJT
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	540	630	10	10	20	\$8.50	\$11.30	Moderate OJT
Farm Equipment Mechanics	410	470	10	10	20			Vocational
Fence Erectors	550	640	10	10	20			Moderate OJT
Financial Examiners	300	390	10	10	20	\$13.10	\$22.00	Bachelor's degree
Fine Artists, Including Painters, Sculptors, and Illustrators	300	400	10	10	20			Long-Term OJT
First-Line Supervisors/Managers of Correctional Officers	250	370	10	0	20			Related Experience
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	390	490	10	10	20	\$18.90	\$25.50	Related Experience
Floral Designers	510	630	10	10	20	\$7.20	\$9.50	Moderate OJT
Food Batchmakers	460	540	10	10	20	\$6.80	\$9.30	Short-Term OJT
Food Cooking Machine Operators and Tenders	530	610	10	10	20	\$8.70	\$11.20	Short-Term OJT
Furniture Finishers	300	340	0	10	20	\$8.70	\$12.50	Long-Term OJT
Graders and Sorters, Agricultural Products	460	570	10	10	20	\$7.70	\$9.00	Related Experience
Grinding and Polishing Workers, Hand	480	560	10	10	20	\$8.20	\$10.40	Moderate OJT
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	790	840	10	20	20	\$7.60	\$10.50	Moderate OJT
Helpers--Electricians	310	380	10	20	20	\$8.00	\$11.10	Short-Term OJT
Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	300	350	10	20	20	\$6.80	\$10.10	Short-Term OJT
Helpers--Roofers	230	300	10	10	20	\$9.40	\$10.00	Short-Term OJT
Highway Maintenance Workers	470	570	10	10	20	\$11.60	\$16.40	Moderate OJT
Industrial Engineering Technicians	660	750	10	10	20	\$12.70	\$19.20	Associate degree
Interpreters and Translators	330	440	10	10	20	\$8.50	\$12.70	Long-Term OJT
Kindergarten Teachers, Except Special Education	350	490	10	0	20	\$19,990	\$32,870 *	Bachelor's degree
Legislators	350	460	10	10	20	\$6.20	\$10.80	Experience plus Degree
Machine Feeders and Offbearers	660	660	0	20	20	\$7.20	\$9.90	Short-Term OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Massage Therapists	340	490	20	10	20	\$9.00	\$18.40	Vocational
Medical Equipment Preparers	340	480	10	10	20	\$12.70	\$14.10	Short-Term OJT
Medical Transcriptionists	340	480	10	10	20	\$9.50	\$12.50	Vocational
Meeting and Convention Planners	280	380	10	10	20	\$10.60	\$14.90	Bachelor's degree
Merchandise Displayers and Window Trimmers	550	650	10	10	20	\$7.60	\$10.90	Moderate OJT
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	620	580	0	20	20	\$9.40	\$11.50	Moderate OJT
Mixing and Blending Machine Setters, Operators, and	570	690	10	10	20	\$8.70	\$11.80	Moderate OJT
Molding, Coremaking, and Casting Machine Setters,	590	670	10	10	20	\$8.80	\$11.10	Moderate OJT
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	540	610	10	10	20	\$9.50	\$13.60	Moderate OJT
Natural Sciences Managers	510	650	10	10	20	\$23.80	\$34.30	Experience plus Degree
New Accounts Clerks	480	560	10	10	20	\$9.60	\$10.60	Related Experience
News Analysts, Reporters and Correspondents	410	480	10	10	20	\$11.20	\$19.60	Long-Term OJT
Nonfarm Animal Caretakers	380	530	20	10	20	\$6.60	\$9.10	Short-Term OJT
Opticians, Dispensing	450	590	10	10	20	\$8.30	\$10.70	Long-Term OJT
Paper Goods Machine Setters, Operators, and Tenders	760	840	10	20	20	\$9.70	\$12.70	Moderate OJT
Physical Therapist Assistants	200	300	10	10	20	\$12.10	\$15.00	Associate degree
Physician Assistants	290	420	10	10	20	\$23.90	\$33.00	Bachelor's degree
Police, Fire, and Ambulance Dispatchers	420	570	20	10	20	\$10.70	\$13.80	Moderate OJT
Prepress Technicians and Workers	680	680	0	20	20	\$8.40	\$13.30	Long-Term OJT
Pressers, Textile, Garment, and Related Materials	440	570	10	10	20	\$6.00	\$7.00	Short-Term OJT
Procurement Clerks	680	660	0	20	20	\$10.00	\$14.00	Short-Term OJT
Producers and Directors	270	360	10	10	20	\$19,650	\$42,100 *	Experience plus Degree
Purchasing Managers	650	680	0	20	20	\$15.50	\$27.00	Experience plus Degree
Railroad Conductors and Yardmasters	480	490	0	20	20			Related Experience
Recreational Therapists	310	420	10	10	20	\$8.30	\$13.50	Bachelor's degree
Refuse and Recyclable Material Collectors	280	340	10	10	20	\$9.80	\$15.20	Short-Term OJT
Riggers	340	410	10	10	20			Short-Term OJT
Sawing Machine Setters, Operators, and Tenders, Wood	290	330	0	10	20	\$7.30	\$9.60	Moderate OJT
Structural Iron and Steel Workers	650	810	20	10	20	\$14.10	\$18.40	Long-Term OJT
Surgeons	340	460	10	10	20			First professional degree
Surveyors	380	470	10	10	20			Bachelor's degree

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Metro Occupational Projections 2000 - 2010

Sorted by Number of Annual Openings

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
Taxi Drivers and Chauffeurs	350	480	10	0	20	\$7.10	\$14.30	Short-Term OJT
Technical Writers	440	540	10	10	20	\$15.70	\$22.30	Bachelor's degree
Tile and Marble Setters	410	510	10	10	20	\$11.10	\$17.50	Long-Term OJT
Title Examiners, Abstractors, and Searchers	750	890	10	10	20	\$13.00	\$20.30	Moderate OJT
Veterinarians	240	340	10	10	20	\$24.00	\$33.30	First professional degree
Veterinary Assistants and Laboratory Animal Caretakers	310	460	10	10	20	\$7.20	\$8.90	Short-Term OJT
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	440	550	10	10	20	\$9.60	\$14.20	Short-Term OJT
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	440	490	10	10	20	\$9.10	\$12.20	Moderate OJT
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	420	460	0	20	20	\$7.10	\$10.90	Moderate OJT

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.